RAW SEQUENCE LISTING

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Application Serial Number: _10/527,101_

Source: _PCT_

Date Processed by STIC: _2/13/06_

ENTERED

PCT

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 3 <110> APPLICANT: SARAH C. BODARY
 4        HILARY CLARK
 5        JANET K. JACKMAN
 6        JILL R. SCHOENFELD
 7        WILLIAM I. WOOD
 8        THOMAS D. WU
10 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF PSORIASIS
12 <130> FILE REFERENCE: P1978R1-US
14 <140> CURRENT APPLICATION NUMBER: US 10/527,101
15 <141> CURRENT FILING DATE: 2005-03-09
17 <150> PRIOR APPLICATION NUMBER: PCT/US03/28362
18 <151> PRIOR FILING DATE: 2005-09-10
20 <150> PRIOR APPLICATION NUMBER: US 60/410,242
21 <151> PRIOR FILING DATE: 2002-09-11
23 <160> NUMBER OF SEQ ID NOS: 42
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 732
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
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33  tgatggcttc atacatcgga tagttcccaa gttgatacaa aactggaaga 100
35  ttggccttat gtgcttcctg agtattatta ttactacagt ttgcattatt 150
37  atgatagcca catggtccaa gcatgctaaa cctgtggcat gttcaggga 200
39  ctggcttgga gtgagagata agtgtttcta tttttctgat gataccagaa 250
41  attggacagc cagtaaaata ttttgtagtt tgcagaaagc agaacttgct 300
43  cagattgata cacaagaaga catggaattt ttgaagaggt acgcaggaac 350
45  tgatatgcac tggattggac taagcaggaa acaaggagat tcttggaaat 400
47  ggacaaatgg caccacattc aatggttggc catcaaactc caaatggtct 450
49  tgcaactgga gcctccgaca atggcttctt ctgctgggac cccttagata 500
51  ggcctctgag ggagctctga ctgccgtttc cccaaaacaa tgtcccctgt 550
53  cagcaggaag cagttaaatc agtcttcatc cttatcctta atataacggc 600
55  agttagatgt acttctttag agggagtaaa tttatcaatt cagagcaatt 650
57  catcctcctc tttccatctt tgattcacag ttaataggct ataaattttg 700
59  ataatgtaga ataaactaca gaaaacttct tg 732
61 <210> SEQ ID NO: 2
62 <211> LENGTH: 160
63 <212> TYPE: PRT
64 <213> ORGANISM: Homo sapiens
66 <400> SEQUENCE: 2
67  Met Ile Asn Pro Glu Leu Arg Asp Gly Arg Ala Asp Gly Phe Ile
68   1               5                  10                  15
70  His Arg Ile Val Pro Lys Leu Ile Gln Asn Trp Lys Ile Gly Leu
```

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71                    20              25              30
73   Met Cys Phe Leu Ser Ile Ile Ile Thr Thr Val Cys Ile Ile Met
74                    35              40              45
76   Ile Ala Thr Trp Ser Lys His Ala Lys Pro Val Ala Cys Ser Gly
77                    50              55              60
79   Asp Trp Leu Gly Val Arg Asp Lys Cys Phe Tyr Phe Ser Asp Asp
80                    65              70              75
82   Thr Arg Asn Trp Thr Ala Ser Lys Ile Phe Cys Ser Leu Gln Lys
83                    80              85              90
85   Ala Glu Leu Ala Gln Ile Asp Thr Gln Glu Asp Met Glu Phe Leu
86                    95              100             105
88   Lys Arg Tyr Ala Gly Thr Asp Met His Trp Ile Gly Leu Ser Arg
89                    110             115             120
91   Lys Gln Gly Asp Ser Trp Lys Trp Thr Asn Gly Thr Thr Phe Asn
92                    125             130             135
94   Gly Trp Pro Ser Asn Ser Lys Trp Ser Cys Asn Trp Ser Leu Arg
95                    140             145             150
97   Gln Trp Leu Leu Leu Leu Gly Pro Leu Arg
98                    155             160

100  <210> SEQ ID NO: 3
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102  <212> TYPE: DNA
103  <213> ORGANISM: Homo sapiens
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110    ttttcttctt acacagtgtc tgagaacatt tacattatag ataagtagta 150
112    catggtggat aacttctact tttaggagga ctactctctt ctgacagtcc 200
114    tagactggtc ttctacacta agacaccatg aaggagtatg tgctcctatt 250
116    attcctggct ttgtgctctg ccaaaccctt ctttagccct tcacacatcg 300
118    cactgaagaa tatgatgctg aaggatatgg aagacacaga tgatgatgat 350
120    gatgatgatg atgatgatga tgatgatgat gatgaggaca actctctttt 400
122    tccaacaaga gagccaagaa gccatttttt tccatttgat ctgtttccaa 450
124    tgtgtccatt tggatgtcag tgctattcac gagttgtaca ttgctcagat 500
126    ttaggtttga cctcagtccc aaccaacatt ccatttgata ctcgaatgct 550
128    tgatcttcaa aacaataaaa ttaaggaaat caaagaaat gattttaaag 600
130    gactcacttc actttatggt ctgatcctga acaacaacaa gctaacgaag 650
132    attcacccaa aagcctttct aaccacaaag aagttgcgaa ggctgtatct 700
134    gtcccacaat caactaagtg aaataccact taatcttccc aaatcattag 750
136    cagaactcag aattcatgaa aataaagtta agaaaataca aaaggacaca 800
138    ttcaaaggaa tgaatgcttt acacgttttg gaaatgagtg caaaccctct 850
140    tgataataat gggatagagc caggggcatt tgaaggggtg acggtgttcc 900
142    atatcagaat tgcagaagca aaactgacct cagttcctaa aggcttacca 950
144    ccaactttat tggagcttca cttagattat aataaaattt caacagtgga 1000
146    acttgaggat tttaaacgat acaaagaact acaaaggctg ggcctaggaa 1050
148    acaacaaat cacagatatc gaaatggga gtcttgctaa cataccacgt 1100
150    gtgagagaaa tacatttgga aaacaataaa ctaaaaaaaa tcccttcagg 1150
152    attaccagag ttgaaatacc tccagataat cttccttcat tctaattcaa 1200
154    ttgcaagagt gggagtaaat gacttctgtc caacagtgcc aaagatgaag 1250
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RAW SEQUENCE LISTING   DATE: 02/13/2006
PATENT APPLICATION: **US/10/527,101**   TIME: 13:10:11

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Output Set: **N:\CRF4\02132006\J527101.raw**

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160  agcttgggaa ctttggaatg taataattag taattggtaa tgtccattta 1400
162  atataagatt caaaaatccc tacatttgga atacttgaac tctattaata 1450
164  atggtagtat tatatataca agcaaatatc tattctcaag tggtaagtcc 1500
166  actgacttat tttatgacaa gaaatttcaa cggaattttg ccaaactatt 1550
168  gatacataag ggttgagaga aacaagcatc tattgcagtt tcttttttgcg 1600
170  tacaaatgat cttacataaa tctcatgctt gaccattcct ttcttcataa 1650
172  caaaaaagta agatattcgg tatttaacac tttgttatca agcacatttt 1700
174  aaaaagagct gtactgtaaa tggaatgctt gacttagcaa aatttgtgct 1750
176  ctttcatttg ctgttagaaa aacagaatta acaaagacag taatgtgaag 1800
178  agtgcattac actattctta ttctttagta gcttgggtag tactgtaata 1850
180  tttttaatca tcttaaagta tgatttgata taatcttatt gaaattacct 1900
182  tatcatgtct tagagcccgt ctttatgttt aaaactaatt tcttaaaata 1950
184  aagccttcag taaatgttca ttaccaactt gataaatgct actcataaga 2000
186  gctggtttgg ggctatagca tatgcttttt ttttttaat tattacctga 2050
188  tttaaaaatc tctgtaaaaa cgtgtagtgt ttcataaaat ctgtaactcg 2100
190  cattttaatg atccgctatt ataagctttt aatagcatga aaattgttag 2150
192  gctatataac attgccactt caactctaag gaatactttt gagatatccc 2200
194  tttggaagac cttgcttgga agagcctgga cactaacaat tctacaccaa 2250
196  attgtctctt caaatacgta tggactggat aactctgaga aacacatcta 2300
198  gtataactga ataagcagag catcaaatta aacagacaga aaccgaaagc 2350
200  tctatataaa tgctcagagt tctttatgta tttcttattg gcattcaaca 2400
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204  aaaaaaaaaa aaaaaa 2466
206  <210> SEQ ID NO: 4
207  <211> LENGTH: 381
208  <212> TYPE: PRT
209  <213> ORGANISM: Homo sapiens
211  <400> SEQUENCE: 4
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215  Lys Pro Phe Phe Ser Pro Ser His Ile Ala Leu Lys Asn Met Met
216                  20                  25                  30
218  Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp
219                  35                  40                  45
221  Asp Asp Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr
222                  50                  55                  60
224  Arg Glu Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met
225                  65                  70                  75
227  Cys Pro Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser
228                  80                  85                  90
230  Asp Leu Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr
231                  95                  100                 105
233  Arg Met Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu
234                  110                 115                 120
236  Asn Asp Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn
237                  125                 130                 135
239  Asn Asn Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr
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PATENT APPLICATION: US/10/527,101   TIME: 13:10:11

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246                  170            175                180
248  Glu Asn Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met
249                  185            190                195
251  Asn Ala Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn
252                  200            205                210
254  Asn Gly Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His
255                  215            220                225
257  Ile Arg Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu
258                  230            235                240
260  Pro Pro Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser
261                  245            250                255
263  Thr Val Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg
264                  260            265                270
266  Leu Gly Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser
267                  275            280                285
269  Leu Ala Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn
270                  290            295                300
272  Lys Leu Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu
273                  305            310                315
275  Gln Ile Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val
276                  320            325                330
278  Asn Asp Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr
279                  335            340                345
281  Ser Ala Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met
282                  350            355                360
284  Gln Pro Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln
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288                  380
290  <210> SEQ ID NO: 5
291  <211> LENGTH: 1082
292  <212> TYPE: DNA
293  <213> ORGANISM: Homo sapiens
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300   attccagcag cgccttaccg cgcagcccga agattcacta tggtgaaaat 150
302   cgccttcaat acccctaccg ccgtgcaaaa ggaggaggcg cggcaagacg 200
304   tggaggccct cctgagccgc acggtcagaa ctcagatact gaccggcaag 250
306   gagctccgag ttgccaccca ggaaaaagag ggctcctctg ggagatgtat 300
308   gcttactctc ttaggccttt cattcatctt ggcaggactt attgttggtg 350
310   gagcctgcat ttacaagtac ttcatgccca agagcaccat ttaccgtgga 400
312   gagatgtgct ttttttgattc tgaggatcct gcaaattccc ttcgtggagg 450
314   agagcctaac ttcctgcctg tgactgagga ggctgacatt cgtgaggatg 500
316   acaacattgc aatcattgat gtgcctgtcc ccagtttctc tgatagtgac 550
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318  cctgcagcaa ttattcatga ctttgaaaag ggaatgactg cttacctgga 600
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322  tgcctccaaa aaatctggta gagctctttg gcaaactggc gagtggcaga 700
324  tatctgcctc aaacttatgt ggttcgagaa gacctagttg ctgtggagga 750
326  aattcgtgat gttagtaacc ttggcatctt tatttaccaa ctttgcaata 800
328  acagaaagtc cttccgcctt cgtcgcagag acctcttgct gggtttcaac 850
330  aaacgtgcca ttgataaatg ctggaagatt agacacttcc ccaacgaatt 900
332  tattgttgag accaagatct gtcaagagta agaggcaaca gatagagtgt 950
334  ccttggtaat aagaagtcag agatttacaa tatgacttta acattaaggt 1000
336  ttatgggata ctcaagatat ttactcatgc atttactcta ttgcttatgc 1050
338  cgtaaaaaaa aaaaaaaaaa aaaaaaaaa aa 1082
340  <210> SEQ ID NO: 6
341  <211> LENGTH: 263
342  <212> TYPE: PRT
343  <213> ORGANISM: Homo sapiens
345  <400> SEQUENCE: 6
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350                  20                  25                  30
352  Thr Gln Ile Leu Thr Gly Lys Glu Leu Arg Val Ala Thr Gln Glu
353                  35                  40                  45
355  Lys Glu Gly Ser Ser Gly Arg Cys Met Leu Thr Leu Leu Gly Leu
356                  50                  55                  60
358  Ser Phe Ile Leu Ala Gly Leu Ile Val Gly Gly Ala Cys Ile Tyr
359                  65                  70                  75
361  Lys Tyr Phe Met Pro Lys Ser Thr Ile Tyr Arg Gly Glu Met Cys
362                  80                  85                  90
364  Phe Phe Asp Ser Glu Asp Pro Ala Asn Ser Leu Arg Gly Gly Glu
365                  95                 100                 105
367  Pro Asn Phe Leu Pro Val Thr Glu Glu Ala Asp Ile Arg Glu Asp
368                 110                 115                 120
370  Asp Asn Ile Ala Ile Ile Asp Val Pro Val Pro Ser Phe Ser Asp
371                 125                 130                 135
373  Ser Asp Pro Ala Ala Ile Ile His Asp Phe Glu Lys Gly Met Thr
374                 140                 145                 150
376  Ala Tyr Leu Asp Leu Leu Leu Gly Asn Cys Tyr Leu Met Pro Leu
377                 155                 160                 165
379  Asn Thr Ser Ile Val Met Pro Pro Lys Asn Leu Val Glu Leu Phe
380                 170                 175                 180
382  Gly Lys Leu Ala Ser Gly Arg Tyr Leu Pro Gln Thr Tyr Val Val
383                 185                 190                 195
385  Arg Glu Asp Leu Val Ala Val Glu Glu Ile Arg Asp Val Ser Asn
386                 200                 205                 210
388  Leu Gly Ile Phe Ile Tyr Gln Leu Cys Asn Asn Arg Lys Ser Phe
389                 215                 220                 225
391  Arg Leu Arg Arg Arg Asp Leu Leu Leu Gly Phe Asn Lys Arg Ala
392                 230                 235                 240
394  Ile Asp Lys Cys Trp Lys Ile Arg His Phe Pro Asn Glu Phe Ile
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/527,101**

DATE: 02/13/2006
TIME: 13:10:12

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